1996

Lie-Nielsen TOOLWORKS INC.



Lie-Nielsen No. 2



On the Cover

Lie-Nielsen No. 2

The Lie-Nielsen No. 2 is based on the Stanley Bedrock. The Bedrock series of bench planes were the top of the line for Stanley, heavier and better made than the regular line. The frog design is unique - a fully machined mating fit between the frog and body, with locking and adjustment screws so that the frog can be adjusted from the rear without having to remove the cap and blade. This allows precise, easy adjustments while working.

This tool is 7 1/2" long with a 1 5/8" blade. Although a small bench plane the No. 2 is considerably larger than the No. 1 and has great presence in the hand. The knob and handle are hand shaped Cherry. The blade is high carbon tool steel. The body is available in Bronze (weighing aobut 3 1/4 lbs) or Cast Iron (weighing about 3 lbs).

Lie-Nielsen No. 2 - Bronze	$199.
Lie-Nielsen No. 2 - Iron	$199.
Replacement Blade	$25.

Ordering information:

To order send check, money order or use Mastercard/Visa; call 800-327-2520 (FAX 207-273-2657). Please include a UPS address if possible. Add $4. per tool for shipping. Canadian orders add $6.50 per tool. Overseas orders will be billed actual shipping charges.

If an item is out of stock you will be notified of projected delivery date.

Materials and workmanship are guaranteed for the life of your tool. If you are dissatisfied for any reason, return your tool within 30 days for your money back. Tool prices are effective until September 15, 1996.

Lie-Nielsen Toolworks,Inc., Box 9, Warren, Maine 04864 USA

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Photos by Charley Freiberg



Skew Block Plane

This unusual plane derives from the Stanley #140 taken out of production many years ago. It is a block plane with a skewed blade and a removable side piece to allow quick conversion to rabbeting.

The set of the blade has been lowered to 12 degrees and an adjustable fence added, making it more convenient for rabbeting and cross grain work, such as fielding raised panels. The 1/8" by 1 1/2" blade is hardened to Rockwell 60-62 and has a captive nut for positive and accurate adjusting. Castings are manganese Bronze. Body is 6 7/8" x 1 7/8".

At two pounds this plane is substantially heftier than the usual block plane. Extra weight and skewed low angle blade facilitate smooth, sure cutting, even in hard woods and difficult grains. Full polish and careful hand finishing are the final touches to this unique and beautiful tool.

Skew Block	$155.
Replacement Blade	$ 25.



Small Chisel Plane

Chisel Planes

After making some prototypes of this interesting and unusual plane discontinued by Stanley in 1944, it became apparent that a smaller version would also be handy. So we are offering the Chisel Plane in the original size, 10" x 2 1/4", and a half size, 6 1/2" x 1 3/4".

A chisel plane is different from a bullnose in that there is no support at all ahead of the blade - which makes for poor planing. But as a clean up tool with the blade set flush with the sole this plane will excel, removing glue, trimming plugs and dovetails flush, cleaning into the very ends of rabbets.

Bronze body and cap, cherry knob, and stainless steel blade adjuster with a hefty 3/16" blade.

Small Chisel Plane	$ 95.
Replacement Blade	$ 20.
Large Chisel Plane	$120.
Replacement Blade	$ 25.

Low Angle and Standard Block Planes

These small bronze planes fit perfectly in the hand and slip easily in the pocket. The 5 1/4" body holds a 1/8" x 1 1/4" tool steel blade. An unobtrusive stainless steel adjuster offers blade control of micrometer ease and precision with minimum backlash.The blade in the Low Angle Plane is bedded at 12 1/2 degrees. It is made for fine cuts and end grain.

The Standard Block Plane blade is set at 20 degrees and will take a heavier cut with the grain.

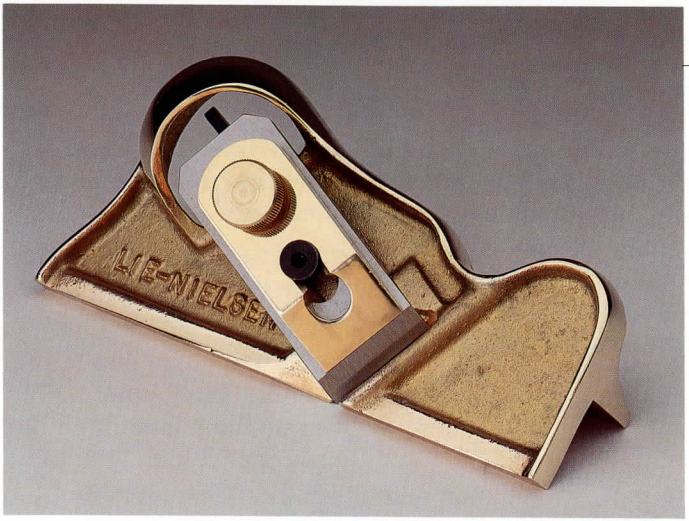
The heft and feel of polished bronze fashioned in such a delightful shape will make these the most reached for tools in your kit.

Low Angle Block Plane	$79.
Standard Block Plane	$79.
Replacement Blade	$15.



Low Angle and Standard Block Planes

Blades - We make our blades from high carbon tool steel, hardened and tempered in our own facility to Rockwell 60-62 to provide a long lasting blade. Careful heat treatment produces a fine gain structure so the blade will take a very fine edge. Our blades are thicker than usual for a chatter-free cut. The final step is a full surface grinding of the top, back and cutting edge, giving a smooth flat surface requiring little honing before use.



Right-Hand Edge Plane

Bronze Edge Plane

This plane is an adaption of the Stanley #95, a specialty plane not made for many years. It has an integral 90 degree fence, making its primary use trimming edges of stock square. With appropriate angle blocks it can produce various angles, or widen dadoes and rabbets to depth. The fence coupled with a low-angle skewed blade makes these jobs simple and precise, working either with or across the grain, or in plywoods.

The body is cast manganese bronze, a hard and durable alloy, that gives welcome heft to this small plane. Each tool is carefully polished to a mirror finish. Blades are 1/8" tool steel hardened to a very hard Rockwell 60-62. This extra thickness and hardness makes a stiffer blade with superior edge-holding ability. Our lever adjustment moves the blade with almost zero backlash making adjustment positive and exceptionally smooth. Width of cut is 7/8". Planes are 5 3/4" long. Also available in a left hand version.

Bronze Edge Plane	$110.
Replacement Blade	$ 17.
Left-Hand Edge Plane	$110.

Why bronze? is a questions we are often asked. Iron has been the material of choice for mass-produced tools. We use manganese bronze which is a very hard, strong alloy that wears very well unlike brass and softer bronzes. I perfer this bronze to iron for small planes because it is heavier, it doesn't rust, won't crack if dropped and has a wonderful warmth in the hand. We use iron when the extra weight is not welcome.

Lie-Nielsen TOOLWORKS INC.

Makers of Heirloom Quality Tools™

For 15 years Lie-Nielsen Toolworks has been dedicated to producing the highest quality woodworking hand tools available. We make all the parts for these tools in our own shop to exacting standards - from castings, lathe parts, handles and knobs, to blades.

The blade is the most important part of a woodcutting tool. Lie-Nielsen blades are machined from solid tool steel, heat treated in our own facility to Rockwell 60-62, then fully surface ground to a smooth finish on three surfaces to produce a dead flat blade ready to go right out of the box.

Cast parts are begun by making original patterns from wood. After patternmaking comes sand casting, grinding, machining, polishing and assembly - each step a part of a meticulous effort to produce the highest quality tools we possibly can.

Most of these tools derive from long discontinued Stanley products. Stanley was at one time an awesome source of specialized hand tools. Though no longer readily available they are still state-of-the-art for hand woodworking.

We are reviving some of them. We try to improve them where appropriate - especially by making thicker, harder blades, more precise fits, ground surfaces, as well as design changes. Some of these changes reflect the fact that these tools are not being mass produced.

I hope you enjoy our tools.

Sincerely,



Thomas Lie-Nielsen

ORDER FORM

Lie-Nielsen TOOLWORKS INC.

Route 1, Post Office Box 9
Warren, Maine 04864

To Order by Telephone
call:
1-800-327-2520
1-207-273-2657 FAX

Date:_____

Name
Address
City State Zip
Daytime Phone ()

Ship to Address *(if different):*

Name
Address
City State Zip
Daytime Phone ()

QTY	ITEM	PRICE	TOTAL

Subtotal	
Tax *(6%ME only)*	
Shipping	
Rush Service	
TOTAL	

Shipping: $4. per item $12. maximum. Canadian orders $6.50 per item, $15. maximum.

Rush service: $10. per order for UPS Blue Label. Red Label and other air services at cost.

Payment:

☐ Check *(will be held for clearing)* or Money Order Enclosed

☐ Visa/ Mastercard

Thank you for your order.

Card Number: ☐☐☐☐ ☐☐☐☐ ☐☐☐☐ ☐☐☐☐

Signature: _____ Exp. date: _____

Cabinetmaker's Corner Chisels

Producing square mortises is exacting work. The Corner Chisel, used after the mortise has been roughed out by hand or with a slot mortiser - which makes round-edged mortises - helps square corners easily and precisely.

These all steel chisels are made from square tool steel in 6 and 7" lengths. The cutting edge is hardened to Rockwell 60-62 and ground razor sharp.

3/8" Corner Chisel (7")	$ 35.
1/4" Corner Chisel (6")	$ 30.

Ordering Information

Send check (we will hold for clearing) or money order with order or use Visa/Mastercard; call us at 1-800-327-2520; FAX orders to 1-207-273-2657.

Please include a UPS address if possible. Add $4. per tool for shipping. Canadian orders add $6.50 per tool. Overseas orders will be billed actual shipping charges. We will be happy to quote Surface or Air delivery prices.

Most tools are available from stock. If an item is out of stock you will be notified of a projected delivery date.

Inquiries may be sent via e-mail: toolwrks@midcoast.com. Please do not e-mail credit card information: we cannot be responsible for security.

Guarantee

Materials and workmanship are guaranteed for the life of your tool. Call for repairs or replacement parts. We are available for advice if you ever have a problem using your tools (1-800-327-2520).

If you are dissatisfied for any reason, return your tool within 30 days for your money back.

Tool prices effective until September 15, 1996

Butt Mortise Plane

The Butt Mortise Plane will help you prepare and hang doors in a fraction of the time required to set up a router and template. This tool is easy to use (comes with complete instructions) and will make precise mortises with sharp, square corners to an accurate, uniform depth. The hinge will fit prefectly every time.

Useful for installation of hardware such as hinges, lock fronts, strike plates as well as mortising dutchmen in order to repair flaws in jambs, doors, furniture and floors. The elongated slot in front of the blade provides a clear view of the work during planing. This tool does a job no other plane can do.

A scrub blade is also available for rapid planing when large amounts of stock needs to be removed, such as backplaning trim to fit an uneven wall surface. Timber framers find it invaluable for fitting joints, removing high spots, and leaving a hand-hewn look.

Cast iron body, bronze cap, tool steel blade and cherry handles. Body is 9 5/8" x 1 1/2"; blade is 3/4" wide.

Butt Mortise Plane	$85.
Replacement Blade	$10.
Scrub Blade	$12.





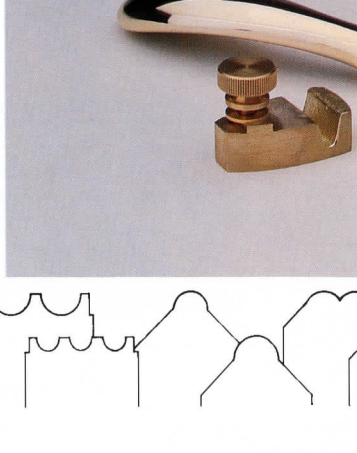
Bronze Scraping Plane

This scraping plane is an unusual size (body is 5 1/2" long with a 1 3/8" blade) and proportion made to be used as easily in one hand as two. Our interest in it was inspired by the Stanley #212 mentioned as an ideal tool for the demanding work of thicknessing bamboo fly rod sections. The #212 is scarce today and brings high prices from collectors.

This tool is ideally suited to a thousand finishing jobs. It will take the finest of shavings producing smooth surfaces and crisp edges. The blade is 1/8" thick, beveled at 60 degrees and is easily and precisely adjusted. Made of bronze, brass, cherry and tool steel.

Toothing blades, for preparing surfaces for veneering and for working exceptionally difficult grains, are available in coarse (18 teeth per inch) and fine (25 teeth per inch).

Bronze Scraping Plane	$118.
Replacement Blade	$ 12.
18 TPI Blade	$ 18.
25 TPI Blade	$ 25.



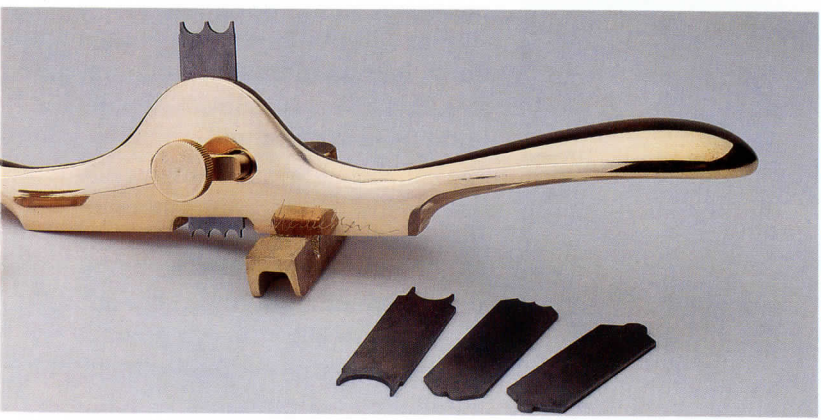
Bronze Beading Tool

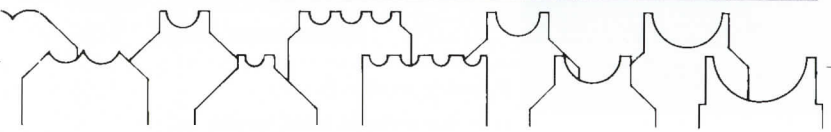
Although the modern electric router is a universal and very useful tool, many woodworkers will find the Beading Tool handy and fun to use for making a variety of decorative moldings, beading, reeding, fluting and routing with a minimum of fuss.

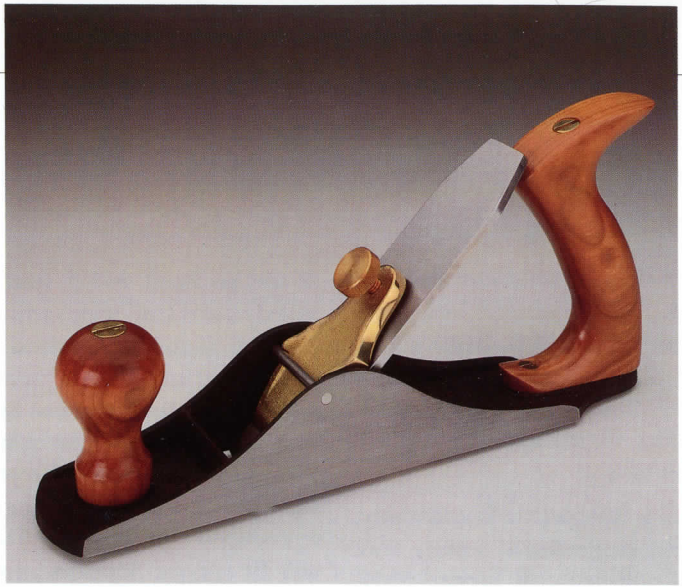
Our Beading Tool derives from an early, generously proportioned Stanley #66. It has a polished cast bronze body, curved and straight fences, and brass blade clamp.

Seven hardened spring steel double-ended blades (5/8" wide) will make 14 standard shapes (illustrated full-size below) and 1/8" and 1/4" router. We include two blanks that can be worked with files to make your own shapes. This makes quick work of reproducing small pieces of moulding for a repair or reproduction for example. The blades will fit antique Stanleys as well, for those who have or acquire one without blades.

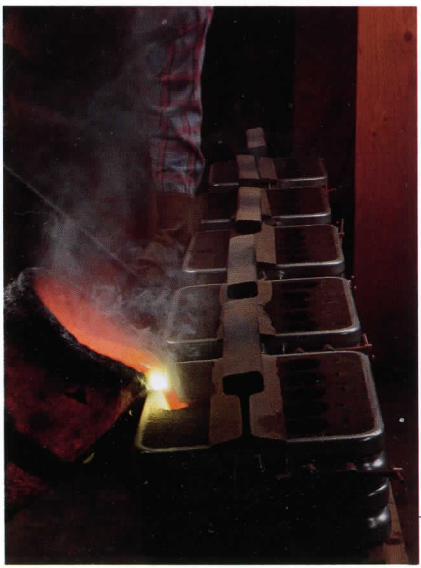
Beading Tool with Blades	$118.
Blades Only	$ 35.
Set of 5 Blanks	$ 5.







Scrub Plane - A scrub plane is designed to remove large quantities of wood in a hurry. In the past scrub planes were used as one does a thick ness planer - to take rough sawn boards down to size, finishing with jack plane and smooth plane.



Today's woodworker will still find pleasure in using a scrub plane for this purpose, as well as find it practical for shaping irregular objects and producing an interesting finished surface, or jobs like backing out a length of molding to fit an irregular wall.

The Lie-Nielsen Scrub Plane has a cast iron body 10 1/4" long, with a generous cherry knob and handle. The blade is massive to eliminate chatter - 3/16" thick x 1 1/2". A slight radius on the blade and an open throat allow taking a deep cut with ease. Based on the Stanley 40 1/2.

Scrub Plane	$118.
Replacement Blade	$18.

Pouring molten bronze into hand-made sand molds

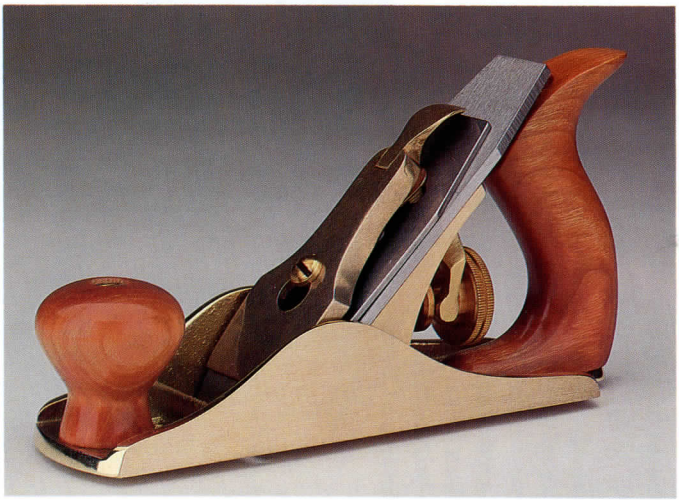
Lie-Nielsen No. 1

The No. 1 is a miniature bench plane, 5 1/2" long with a 1 3/16" blade. Improvements over the original Stanley No. 1 include our usual 1/8" Rc. 60-62 blade, and fully machined mating surfaces between the frog and the body, making for a very solid tool. Also the blade adjust screw runs on a left hand thread stud: a clockwise turn adjusts the blade for a deeper cut. This adjustment is very precise and convenient with minimum backlash.

This feature is found on most larger bench planes, but not on originals I have examined. All castings are Manganese Bronze, machined and hand polished to our very high standards.

This plane with its many machined parts, Cherry handle and knob, cam lever cap iron and small size compels you to pick it up and start planing.

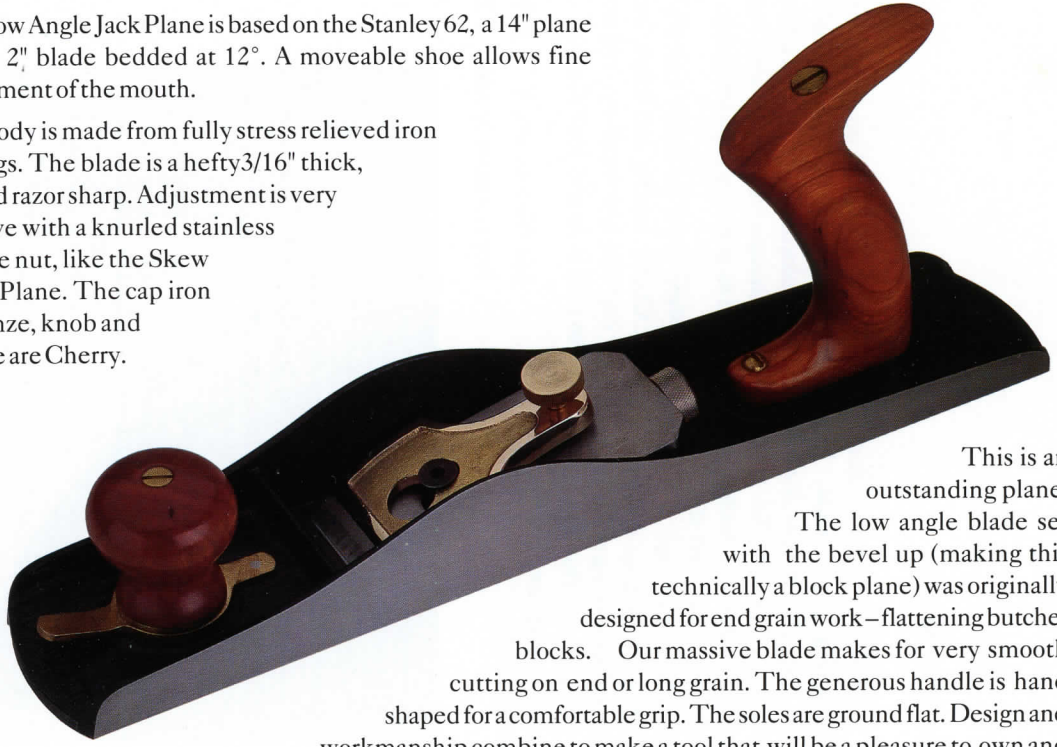
Lie-Nielsen No. 1	$159.
Replacement Blade	$ 20.



Low Angle Jack

Our Low Angle Jack Plane is based on the Stanley 62, a 14" plane with a 2" blade bedded at 12°. A moveable shoe allows fine adjustment of the mouth.

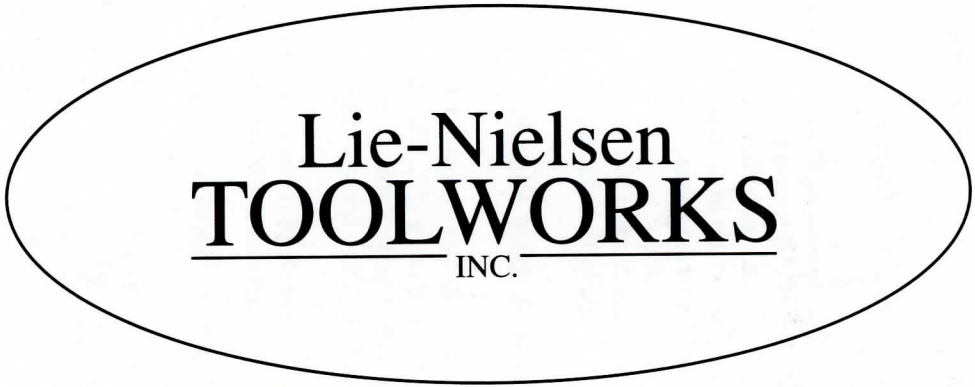
The body is made from fully stress relieved iron castings. The blade is a hefty 3/16" thick, ground razor sharp. Adjustment is very positive with a knurled stainless captive nut, like the Skew Block Plane. The cap iron is Bronze, knob and handle are Cherry.



This is an outstanding plane. The low angle blade set with the bevel up (making this technically a block plane) was originally designed for end grain work – flattening butcher blocks. Our massive blade makes for very smooth cutting on end or long grain. The generous handle is hand shaped for a comfortable grip. The soles are ground flat. Design and workmanship combine to make a tool that will be a pleasure to own and use every day for years to come.

Low Angle Jack Plane	$185.
Replacement Blade	$ 25.

Call 1-800-327-2520 to order



Makers of Heirloom Quality Tools™

NEW TOOLS

We are often asked what new tools we are working on. Here are several that we are ready to take orders for. The No. 9 Miter Plane and 1/2" Shoulder Plane are available with about a 12 week delivery. The No. 4 Smoother and 98 & 99 Side Rabbet Planes should be ready to ship in the first part of 1996.

Lie-Nielsen No. 4

Our No. 4 is a full size, Bedrock-type Smoothing Plane. The frog/body bearing surfaces are fully machined, and the frog adjustment allows the mouth opening to be opened and closed from the rear of the tool without removing the blade assembly. Bodies are available in either Bronze or Cast Iron. Handle and Knob are Cherry. For a full description see the No. 2 in the brochure.

Lie-Nielsen No. 4	$225.
Replacement Blade	$ 25.

Side Rabbet Planes

These small left and right handed planes are excellent for trimming the sides of rabbets and dados. Maximum depth of cut is 1/2". The plane body will fit in a 1/4" dado. About 4" long. Bronze body, Cherry Knob. A removable shoe in front of the blade allows the tools to reach right into corners. Based on the Stanley 98 & 99.

Side Rabbet Planes (pair)	$125.
Replacement Blade (98 or 99)	$ 15.

1/2" Bronze Shoulder Plane

This small shoulder plane, modeled after a Norris/Spiers type tool, is a gem. The cast bronze body is stuffed with Granadillo - an excellent substitute for Rosewood. The plane is 5 1/4" long with a 1/2" blade, held with a wooden wedge. With a very fine set mouth this is an ideal tool for trimming rabbets and shoulders during fitting operations.

Bronze Shoulder Plane	$125.
Replacement Blade	$ 25.

Bronze Miter Plane

The Lie-Nielsen Miter Plane is based on the Stanley No. 9. The original is rare and expensive when found, but the style is well-known from 19th Century European and especially English planes, going back to some of the very first planes made in Western Europe since Roman times.

Weight and solidity make this plane ideal for many planing jobs on straight and end grain, but its boxy construction is designed specifically for the tool to be used on its side, with or without a shooting board (see *Fine Woodworking* No. 106, June 1994), to shoot lengths, right angles and, of course, miters. A second knob is provided, and mounts on either the front left or right side to facilitate your grip.

The blade is set at 20° with the 25° bevel up, making this a very large block plane. Weight is about 4 1/2 lbs; length 10 1/2". The Bronze Miter Plane has a massive 3/16" x 1 7/8" tool steel blade, a cam-lever cap iron, a precise Bailey-type screw blade adjustment, and a fully adjustable mouth. Locking and adjustment screws are large and may be operated with a screwdriver or any handy coin. Front infill wood and knobs are Cherry. This beautiful tool is a fine example of the machinist art, and will find many uses in the workshop.

Bronze Miter Plane	$250.
Replacement Blade	$ 25.

Replacement Blades

We now stock replacement blades for most common planes, modern and antique. We make these blades the same way we make blades for our own tools, and they are guaranteed to be an improvement over your present blades. Inquire about blades not listed here.

Bench Plane Blades	1 1/4"	(No. 1)	$ 20.
	1 5/8"	(No. 2)	$ 25.
	1 3/4"	(No. 3)	$ 25.
	2"	(No. 4 & 5)	$ 25.
	2 3/8"	(No. 6 & 7)	$ 25.
	2 5/8"	(No. 8)	$ 30.

Call us at 800-327-2520
Fax 207-273-2657

Lie-Nielsen
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